

LITTLE RIVER BASIN

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC

LOCATION.--Lat 33°51'05'', long 78°39'22'', Horry County, Hydrologic Unit 03040207, near east bank of the Atlantic Intracoastal Waterway, downstream side of bridge, 0.5 mi southeast of Nixons Crossroads, 5.2 mi south of junction of Little River Inlet and at AIW mile 347.3.

DRAINAGE AREA.--Indeterminate.

GAGE-HEIGHT RECORDS

PERIOD OF RECORD.--October 1989 to current year.

GAGE.--Data collection platform. Datum of gage is 11.72 ft below NGVD of 1929.

REMARKS.--Gage height tidally affected. Discharge records for the 1990-2000 water years were computed by utilization of the One-Dimensional unsteady flow simulation model (BRANCH) and are rated poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 18.37 ft, Oct. 8, 1996; minimum gage height, 8.42 ft, Jan. 1, 1990.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 16.84 ft, Aug. 7; minimum gage height, 8.99 ft, Feb. 28.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	15.68	11.11	13.46	15.38	10.60	12.90	15.58	10.27	12.81	---	---	---
2	15.76	11.23	13.61	15.30	10.49	12.79	15.60	10.29	12.76	15.42	9.47	12.23
3	15.54	11.04	13.35	15.30	10.43	12.68	15.88	10.40	12.89	---	---	---
4	15.09	10.64	12.88	15.14	10.26	12.66	15.58	10.46	12.81	---	---	---
5	15.08	10.47	12.75	15.35	10.74	12.89	15.33	10.32	12.50	---	---	---
6	14.91	10.49	12.62	15.69	10.87	13.03	15.01	10.07	12.37	---	---	---
7	15.21	10.66	12.75	15.28	10.69	12.72	14.86	10.25	12.43	---	---	---
8	14.99	10.62	12.82	15.22	10.52	12.57	15.05	10.55	12.70	---	---	---
9	15.17	10.80	12.89	15.03	10.37	12.61	14.93	10.35	12.66	---	---	---
10	15.09	10.75	12.78	15.07	10.48	12.79	15.53	10.91	13.21	14.15	9.13	11.57
11	15.24	10.60	12.79	15.14	10.31	12.81	15.67	9.96	12.96	---	---	---
12	15.27	10.46	12.85	15.52	10.33	13.06	15.37	9.96	12.80	---	---	---
13	15.97	10.52	13.23	15.77	10.37	13.07	15.89	10.16	12.86	13.96	9.47	11.79
14	16.09	10.53	13.43	15.88	10.10	12.91	15.82	10.18	12.76	---	---	---
15	16.18	10.41	13.23	16.05	10.04	13.02	15.15	9.94	12.43	---	---	---
16	16.38	10.46	13.48	16.07	10.30	13.01	15.33	10.15	12.64	---	---	---
17	15.96	9.87	12.97	15.63	10.33	12.80	15.49	10.54	12.84	---	---	---
18	16.04	10.14	12.98	15.59	10.48	12.88	14.21	10.17	12.16	---	---	---
19	16.02	10.53	13.03	15.43	10.80	12.90	15.27	10.79	12.75	14.22	10.16	12.10
20	15.54	10.50	12.83	14.92	10.72	12.58	14.32	10.35	12.15	---	---	---
21	15.33	10.63	12.77	14.96	11.18	13.02	14.12	10.58	12.23	---	---	---
22	15.10	10.84	12.85	14.59	11.10	12.74	14.29	10.94	12.50	---	---	---
23	15.10	11.16	13.00	14.41	11.01	12.64	14.35	11.12	12.71	---	---	---
24	14.82	11.27	13.03	14.45	10.87	12.73	14.43	10.36	12.41	---	---	---
25	14.78	10.91	12.82	14.20	10.53	12.57	14.51	10.74	12.81	---	---	---
26	14.47	10.64	12.55	14.21	10.37	12.43	15.07	10.08	12.92	---	---	---
27	14.65	10.46	12.63	14.50	10.26	12.53	14.66	10.08	12.41	---	---	---
28	---	---	---	14.78	10.25	12.57	14.83	10.06	12.61	---	---	---
29	---	---	---	14.92	10.15	12.66	14.84	9.85	12.38	---	---	---
30	15.05	10.74	12.94	15.41	10.38	12.80	15.21	9.53	12.30	---	---	---
31	15.12	10.64	12.94	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	16.07	10.04	12.78	---	---	---	---	---	---

02110777 AIW AT HIGHWAY 9 AT NIXONS CROSSROADS, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
FEBRUARY				MARCH			APRIL			MAY		
1	---	---	---	14.92	9.33	12.08	15.66	10.23	12.64	15.22	10.40	12.50
2	14.78	9.38	12.14	15.59	9.43	12.51	15.66	10.58	12.81	14.99	10.30	12.25
3	15.14	10.38	12.61	15.32	9.78	12.17	15.39	10.71	12.68	14.16	10.21	12.03
4	14.95	9.18	11.91	14.56	9.40	11.71	14.54	10.62	12.74	14.68	10.89	12.79
5	14.47	10.06	12.15	14.17	9.81	11.87	15.29	11.24	13.16	14.36	10.58	12.43
6	14.78	10.59	12.46	14.26	9.90	11.79	15.18	10.77	12.84	14.42	10.75	12.58
7	15.37	10.16	12.45	14.03	10.01	11.81	14.90	10.81	12.79	14.13	10.20	12.33
8	---	---	---	14.02	10.17	12.02	14.51	10.42	12.56	14.07	10.11	12.24
9	---	---	---	14.33	10.03	12.11	14.26	10.19	12.26	14.40	10.17	12.32
10	---	---	---	14.29	9.90	11.98	14.11	9.88	12.09	14.37	9.90	12.14
11	---	---	---	14.32	9.90	12.38	14.72	10.17	12.52	14.75	9.85	12.34
12	---	---	---	14.78	10.17	12.51	14.78	10.38	12.58	14.90	10.11	12.45
13	---	---	---	14.48	10.03	12.36	14.95	10.35	12.60	---	---	---
14	---	---	---	14.38	9.82	12.03	14.79	10.21	12.50	---	---	---
15	---	---	---	14.45	9.96	12.18	14.67	10.15	12.33	---	---	---
16	---	---	---	14.16	9.78	11.97	14.71	10.20	12.27	---	---	---
17	---	---	---	14.48	9.89	12.09	14.61	10.32	12.27	---	---	---
18	---	---	---	14.04	10.05	12.14	14.50	10.29	12.21	---	---	---
19	---	---	---	14.94	10.39	12.49	14.49	10.41	12.27	---	---	---
20	---	---	---	14.96	10.65	12.74	14.44	10.55	12.34	---	---	---
21	---	---	---	14.36	10.94	12.71	14.93	10.53	12.70	---	---	---
22	---	---	---	15.07	10.52	12.67	14.70	10.12	12.49	---	---	---
23	---	---	---	15.17	10.55	12.65	15.39	10.43	12.93	---	---	---
24	---	---	---	14.61	10.14	12.38	15.68	10.34	13.11	---	---	---
25	---	---	---	14.83	9.80	12.36	15.68	10.23	13.03	---	---	---
26	---	---	---	15.07	9.80	12.59	16.20	9.61	12.86	---	---	---
27	---	---	---	15.73	9.81	12.81	16.05	9.95	12.97	---	---	---
28	15.06	8.99	12.15	16.38	10.07	13.28	15.48	9.76	12.65	---	---	---
29	---	---	---	16.74	10.30	13.41	15.45	9.64	12.24	---	---	---
30	---	---	---	16.12	10.21	13.22	15.30	10.02	12.53	---	---	---
31	---	---	---	15.80	10.20	12.95	---	---	---	---	---	---
MONTH	---	---	---	16.74	9.33	12.39	16.20	9.61	12.60	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE				JULY			AUGUST			SEPTEMBER		
1	15.08	10.98	12.78	14.17	10.59	12.35	14.94	11.38	13.08	15.10	11.34	13.13
2	14.66	10.86	12.92	14.00	10.65	12.36	15.19	11.23	13.24	15.81	11.47	13.46
3	14.84	11.02	13.17	14.02	10.55	12.36	15.50	11.38	13.39	15.89	11.19	13.56
4	14.90	11.17	13.10	14.30	10.55	12.52	15.48	11.46	13.47	15.75	10.67	13.14
5	14.66	10.82	12.95	14.48	10.64	12.52	16.07	11.21	13.59	15.71	10.15	12.88
6	14.75	10.64	12.79	14.81	10.62	12.81	16.20	11.12	13.66	16.27	10.32	13.22
7	14.89	10.38	12.73	15.11	10.84	12.86	16.84	11.14	13.88	16.21	10.26	13.19
8	15.69	11.01	13.31	14.91	10.33	12.53	16.80	10.99	13.77	15.92	10.27	13.14
9	15.86	10.94	13.34	14.97	10.09	12.37	16.46	10.47	13.49	16.25	10.27	13.22
10	15.63	10.59	13.09	14.85	9.58	12.06	16.16	10.43	13.25	16.30	10.66	13.38
11	15.59	10.20	12.82	15.32	9.56	12.16	15.91	10.40	13.11	16.01	10.63	13.20
12	15.62	10.39	12.80	15.93	10.61	13.07	15.43	10.43	12.97	16.12	10.89	13.38
13	15.62	10.34	12.75	15.38	10.40	12.90	15.41	10.35	12.82	15.54	11.02	13.01
14	15.89	10.60	12.91	14.85	10.22	12.55	15.38	10.50	12.85	15.12	10.74	12.70
15	15.80	10.62	13.13	14.85	10.14	12.49	15.20	10.54	12.71	14.68	10.59	12.55
16	15.83	10.89	13.21	14.89	10.46	12.60	15.07	10.50	12.53	14.65	10.52	12.49
17	15.70	10.82	13.11	14.91	10.43	12.65	14.85	10.17	12.45	15.11	10.44	12.68
18	15.24	10.79	12.99	15.45	10.67	12.84	15.11	10.21	12.52	15.35	10.78	13.02
19	15.47	10.49	12.99	15.32	10.27	12.70	15.45	10.33	12.72	15.52	10.89	13.09
20	15.55	10.49	12.91	15.46	10.09	12.60	15.28	10.50	12.83	15.46	10.84	13.13
21	15.69	10.54	12.98	15.68	10.37	12.78	15.32	10.48	12.82	15.38	10.96	13.20
22	15.76	10.41	12.97	15.43	10.37	12.80	15.46	10.71	12.97	---	---	---
23	15.41	10.07	12.63	15.23	10.06	12.58	15.20	10.64	12.80	15.24	10.96	13.16
24	15.29	9.97	12.48	15.10	9.94	12.39	15.26	10.60	12.85	15.21	10.85	13.17
25	15.17	10.04	12.43	14.92	9.96	12.28	14.78	10.42	12.64	15.43	11.21	13.33
26	14.84	10.03	12.27	14.93	10.30	12.46	14.62	10.74	12.79	15.35	11.20	13.34
27	14.60	10.08	12.15	14.65	10.45	12.47	14.36	10.53	12.60	15.47	11.52	13.44
28	14.11	9.94	11.84	14.41	10.38	12.40	14.43	10.76	12.66	15.28	11.23	13.21
29	14.03	9.98	11.91	14.31	10.39	12.35	14.24	10.68	12.68	15.40	11.58	13.33
30	14.05	10.29	12.23	14.24	10.44	12.53	14.93	10.88	12.93	15.63	11.58	13.45
31	---	---	---	14.61	10.77	12.74	15.20	11.18	13.14	---	---	---
MONTH	15.89	9.94	12.79	15.93	9.56	12.55	16.84	10.17	13.01	---	---	---